

**§ 801.6**

**7 CFR Ch. VIII (1–1–04 Edition)**

type of grain that the system will be used to sample.

performing official inspection services shall be:

(1) Headquarters standard meters:

**§ 801.6 Tolerances for moisture meters.**

(a) The maintenance tolerances for Motomco 919 moisture meters used in

Moisture range	Tolerance	
	Direct comparison	Sample exchange
Low .....	±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat	
Mid .....	±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat	
High .....	±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat	

(2) All other than Headquarters standard meters:

Moisture range	Tolerance	
	Direct comparison	Sample exchange
Low .....	±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat	±0.20 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat
Mid .....	±0.10 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat	±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat
High .....	±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat	±0.20 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat

(b) The maintenance tolerances for GAC 2100 moisture meters used in performing official inspection services shall be:

(1) Headquarters standard meters. By direct comparison using mid-range Hard Red Winter wheat, ±0.05% mean deviation for the average of the Headquarters standard moisture meters.

(2) All other than Headquarters standard meters. By sample exchange using mid-range Hard Red Winter wheat, ±0.15% mean deviation from the standard meter.

[63 FR 34554, June 25, 1998]

**§ 801.7 Reference methods and tolerances for near-infrared spectroscopy (NIRS) analyzers.**

(a) *Reference methods.* (1) The chemical reference protein determinations used to reference and calibrate official NIRS instruments shall be performed in accordance with “Comparison of

Kjeldahl Method for Determination of Crude Protein in Cereal Grains and Oilseeds with Generic Combustion Method: Collaborative Study,” July/August 1993, Ronald Bicsak, Journal of AOAC International Vol. 76, No. 4, 1993, and subsequently approved by the AOAC International as the Combustion method, AOAC International Method 992.23. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Director, Technical Services Division, Federal Grain Inspection Service, 10383 North Executive Hills Blvd., Kansas City, MO 64153-1394. Copies may be inspected at the above address or at the Office of the Federal Register, 800 North Capitol Street, NW., 7th Floor, Suite 700, Washington, DC 20408.

(2) The chemical reference starch determination used to reference and calibrate official NIRS instruments shall